Modcharger™ 12V DC Power Supply (for 3 PIN and 5 PIN Regulators)

Introduction

Thank you for purchasing the Modcharger™ 12 Volt Power Supply. The Modcharger™ has been designed to replicate a 12V DC in-car power supply and will supply 12V DC to 1 Amp. The Modcharger™ can be used to power all devices that can be connected to a standard in-car 12V DC supply.

The history of this product dates back to when it's British inventor, electronics graduate and Scooter enthusiast wished to be able to charge his iPhone and Sat Nav whilst on his Lambretta TV175 Series III - just as he could in his car!

The challenge was how to create a safe, regulated 12V DC supply from the variable AC voltage on the scooter regulator. After various prototypes and testing The Modcharger™ was created and the rest is history.

Through popular demand the product has been sold all over the world and fitted to Lambrettas, Vespas, Outboard Motors and near enough anything else which does not have a battery but does have an AC supply.

It's been thoughtfully designed such that you can route the 12V DC power cable through tight spaces before connecting to the module. This means you do not need to modify your scooter. Please contact us if you need advice on fitting.

Contents

1 x Modcharger™ Power Charger Module
1 x 12V DC In-Car Power Socket and cable
1 x User Guide and Wiring Diagram

Typical Applications

Most electronic devices require a 12VDC to USB adaptor (not supplied). We recommend the iBox charger that you can find purchase at ASDA and other good retailers. Modcharger™ has been tested extensively to power the following devices :

- TomTom SatNAV✔
- iPhone4 ✔
- iPhone5 ✔
- iPod ✔
- iPAD2 ✔
- Sony Xperia ✔
- Samsung Galaxy ✔
- Kindle Fire ✔

How to Connect

If you have a 3 PIN Regulator refer to Page 2 for instructions, if you have a 5 PIN Regulator refer to Page 3.

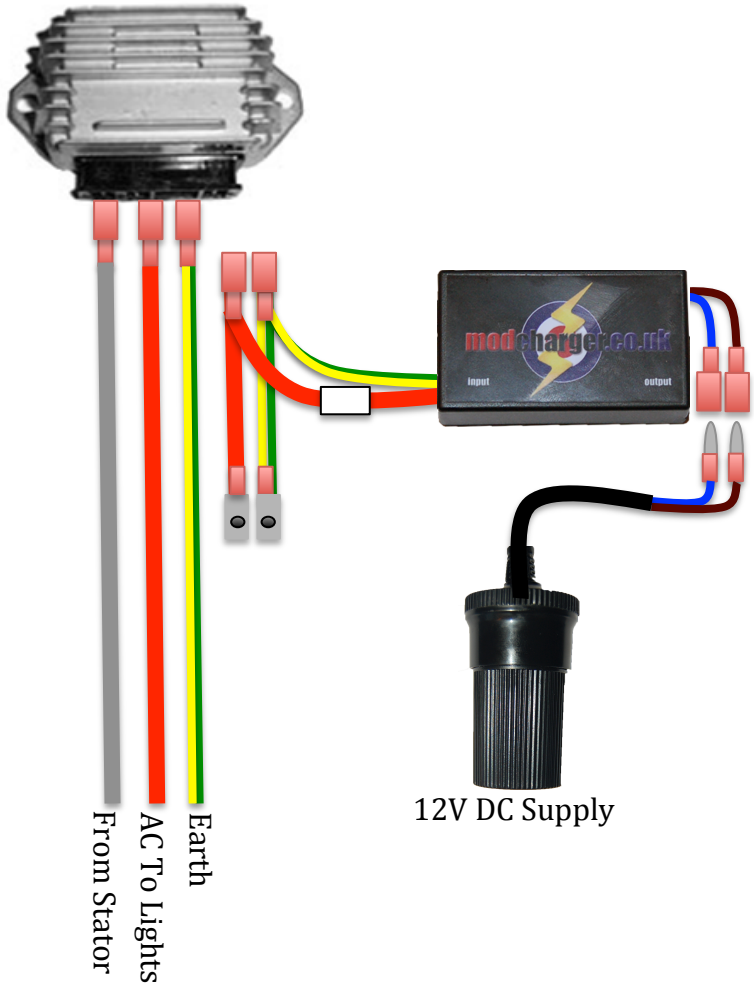
Specification

Symbol	Parameter	Value	Unit
Vin DC (max)	Max Input Voltage - DC	15	Volts
Vin AC (max)	Max Input Voltage – AC (peak)	15	Volts
Vout (typ)	Output Voltage - DC	12	Volts
Iout (max)	Max Output Current (internally limited)	1	Amps
IP	International Protection Rating	IP53	

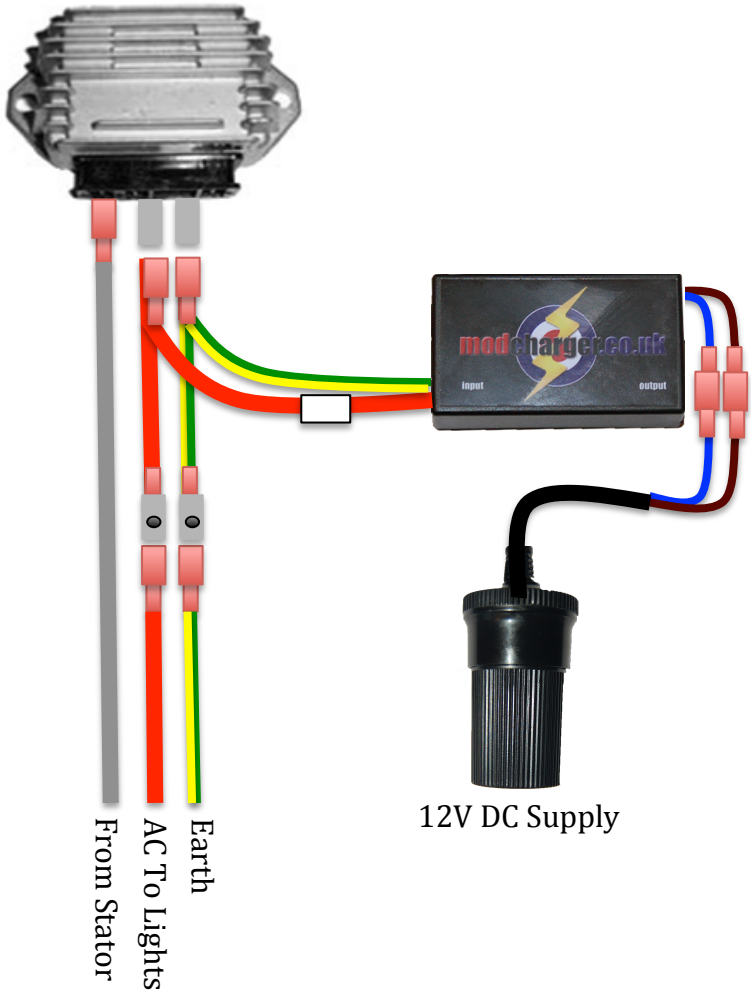
Contact Us

sales@modcharger.co.uk @modcharger www.facebook.com/modcharger

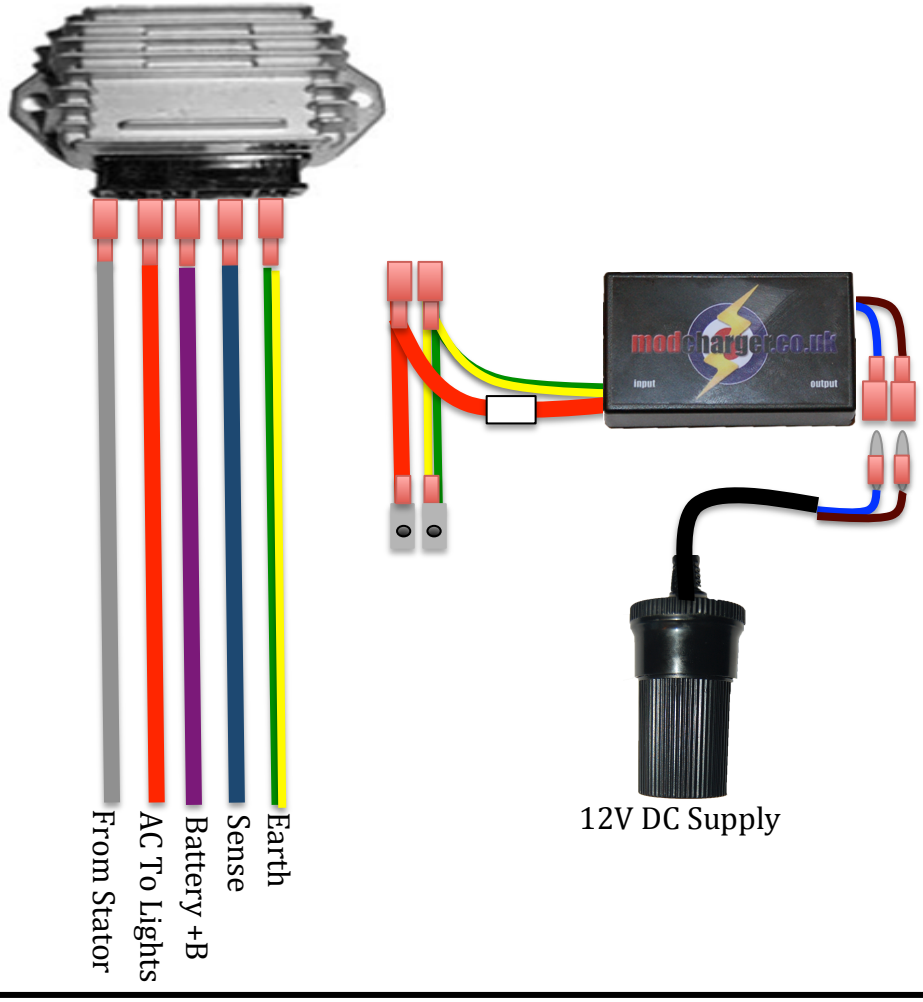
3 PIN REGULATOR
(Before fitting)



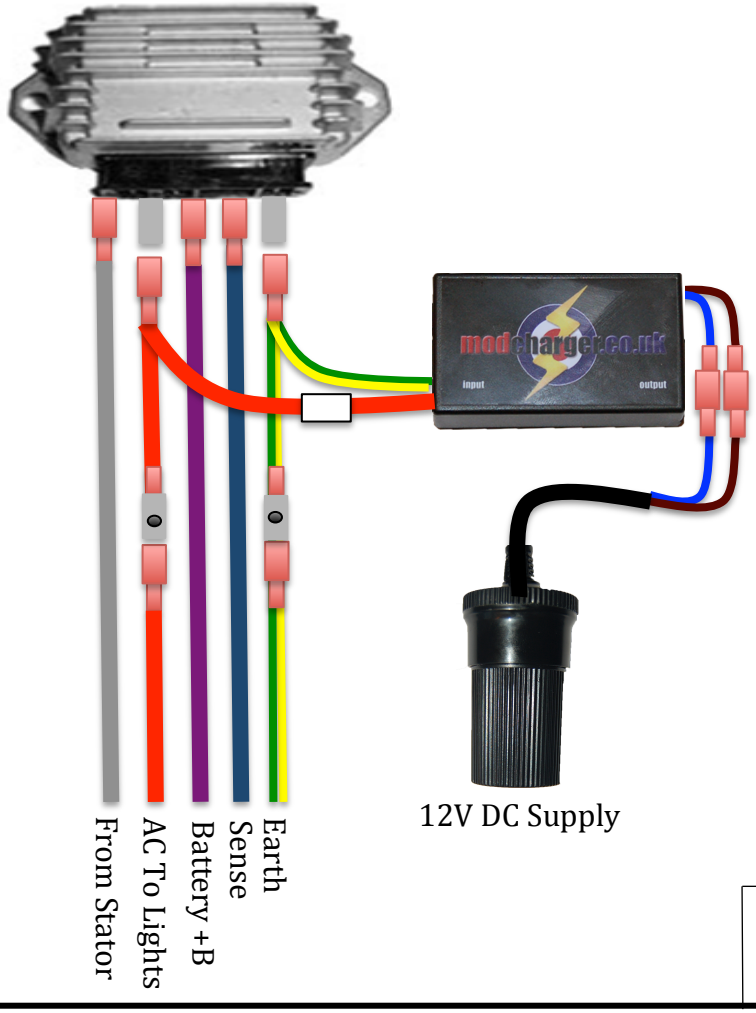
3 PIN REGULATOR
(After fitting)



5 PIN REGULATOR (Before fitting)



5 PIN REGULATOR (After fitting)



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Modcharger™ Connection Diagram
Date : 20th May 2013
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Author : Ian Daintith